

HP10 MULTIMATIC

Product code	IN0AKF396050700
Reactive power Ue=400V	900 kvar
Reactive power Ue=415V	960 kvar
Nominal voltage Ue	400-415V
Capacitors voltage Un	415 V
Capacitors max voltage Umax	455 V
Frequency	50 Hz
THDI _R %	≤12%
THDIC%	≤50%
Steps	2x90-4x180 kvar
Electrical steps number	10
Banks	6x150 kvar
Load break switch	2x1250 A
lcc	50 kA
Controller	8BGA
IP degree	IP4X
	1220x670x1760mm
Dimensions WxDxH	
Dimensions WxDxH Weight NOTE lcc value: Other values upon request.	580 kg
Weight NOTE lcc value: Other values upon request. Standard features	
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Weight NOTE lcc value: Other values upon request. Standard features	
Weight NOTE loc value: Other values upon request. Standard features Max current overload In	1.3 ln 1,3 ln (continuous) 2 ln (x380s every 60 minutes) 3 ln (x150s every 60 minutes) 4 ln (x70s every 60 minutes)
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors)	1.3 In 1,3 In (continuous) 2 In (x380s every 60 minutes) 3 In (x150s every 60 minutes) 4 In (x70s every 60 minutes) 5 In (x45s every 60 minutes)
Weight NOTE lcc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)1,1xUe
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors)	1.3 In1,3 In (continuous)2 In (x380s every 60 minutes)3 In (x150s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)3 XUn (for 1 minute)
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)3 xUn (for 1 minute)690V
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)6 ln (x45s every 60 minutes)7 ln (x45s every 60 minutes)8 ln (x45s every 60 minutes)8 ln (x45s every 60 minutes)9 ln (x45s every 60 minutes) </th
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors)	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)6 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)6 ln (x70s every 60 minutes)7 ln (x70s every 60 minutes)6 ln (x70s every 60 minutes)6 ln (x70s every 60 minutes)7 ln (x70s every 60 minutes)7 ln (x70s every 60 minutes)7 ln (x70s every 60 minutes)8 ln (x70s every 60 minutes)8 ln (x70s every 60 minutes)9 ln (x70s every 60 minutes)9 ln (x70s every 60 minutes)9 ln (x70s every 60 minutes)10 ln (x70s every 60 minutes)11 ln (x70s every 60 minutes)12 ln (x70s every 60 minutes)13 ln (x70s every 60 minutes)14 ln (x70s every 60 minutes)15 ln (x70s every 60 minutes)16 ln (x70s every 60 minutes)17 ln (x70s every 60 minutes)18 ln (x70s every 60 minutes)19 ln (x70s every 60 minut
Weight NOTE lcc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors) Discharge device	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)6 ln (x45s every 60 minutes)1,1xUe3xUn (for 1 minute)690V-5/+40°C-25/+55°Cmounted on each bank
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors) Discharge device Installation	1.3 In1,3 In (continuous)2 In (x380s every 60 minutes)3 In (x150s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)6 In (x45s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)6 In (x45s every 60 minutes)7 In (x45s every 60 minutes)6 In (x45s every 60 minutes)7 In (x45s every 60 minutes)7 In (x45s every 60 minutes)7 In (x45s every 60 minutes)8 In (x45s every 60 minutes)9 In (x45s every 60 minutes) </th
Weight NOTE lcc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors) Discharge device Installation Service	1.3 ln1,3 ln (continuous)2 ln (x380s every 60 minutes)3 ln (x150s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)4 ln (x70s every 60 minutes)5 ln (x45s every 60 minutes)5 ln (x45s every 60 minutes)6 yov6 yov-5/+40°C-5/+55°Cmounted on each bankindoorcontinuous
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors) Discharge device Installation Service Internal connection	1.3 In1,3 In (continuous)2 In (x380s every 60 minutes)3 In (x150s every 60 minutes)3 In (x150s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)6 90V6 90V6 90V-5/+40°C-5/+40°C-25/+55°Cmounted on each bankindoorcontinuousdelta
Weight NOTE loc value: Other values upon request. Standard features Max current overload In Max current overload In (capacitors) Max overload Vn Max overload Vn (capacitors) Insulation voltage Temperature class (capacitors) Discharge device Installation Service Internal connection Total losses	1.3 In1.3 In (continuous)2 In (x380s every 60 minutes)3 In (x150s every 60 minutes)4 In (x70s every 60 minutes)5 In (x45s every 60 minutes)5 In (x45s every 60 minutes)3 xUn (for 1 minute)690V-5/+40°C-5/+40°C-25/+55°Cmounted on each bankindoorcontinuousdeltadelta~2W/kvar

IEC 60831-1/2

Standards (capacitors)

POWER FACTOR CORRECTION SOLUTIONS WITH HIGH GRADIENT METALLIZED POLYPROPYLENE CAPACITORS



Generalities

Zink-passivated metallic enclosure painted with epossidic dust paint, colour RAL 7035.

Auxiliary transformer to separate power and auxiliary circuit parts (110V).

Load-break switch with door interlock.

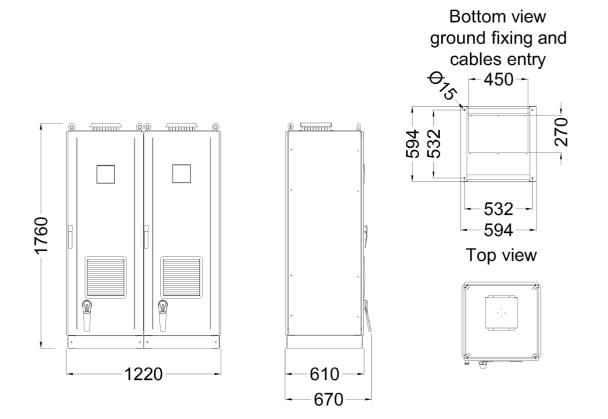
Special contactors with damping resistors to limit capacitors inrush current (AC6b).

FS17 450/750V self-extinguish cable according to EN 50525 - EN 50575 - EN 50575/A1.

Microprocessor Power Factor Correction relay.

CRM25 single phase self-healing metallized polypropylene capacitor with Un=415V rated voltage.





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